

AJAX-MBTCP

Modbus TCP gateway for AJAX alarms

AJAX-MBTCP connects AJAX alarm systems to Modbus TCP controllers. Read alarm and detector statuses, monitor power faults and control arming from Loxone, Control4, Homey, Node-RED and any Modbus TCP-compatible platform.



AJAX-MBTCP

Compatible alarm systems

Superior

Fibra

Baseline

AJAX alarm systems supporting SIA event transmission over the local network.

Alarm control and automation

Bidirectional control

Arm and disarm up to 4 areas via command coils. Global partial control activates Night Mode.

Up to 96 detectors

Individual status coils when armed, in Night Mode or for Always Active detectors.

Power supply monitoring

Read AJAX battery and AC power failure coils for dashboards and automation alerts.

Local events and cloud control

SIA events arrive over the local Ethernet network. Arm/disarm commands require internet access and use the encrypted AJAX cloud connection.

Modbus TCP runs on the local network.

Area status feedback

6 statuses: armed, disarmed, partial armed, fire, panic and intrusion.

Standard Modbus TCP

Read Coils (0x01) and Write Single Coil (0x05). Up to 2 simultaneous client connections.

Integration and setup

Configure the gateway through its web interface. Connect any compatible Modbus TCP client.

Always Active zones can trigger alarms even when disarmed. Enable this setting selectively.

Bidirectional control requires inviting Elausys as a security company in the AJAX app.

Technical specifications

Mounting	DIN rail, 2 modules	Areas / detectors	Up to 4 / up to 96
Aux. supply	12-30 VDC, screw terminal	Modbus port / ID	502 / 1
Network	Ethernet RJ45	Client connections	2 simultaneous
Operating temp.	+5 °C to +45 °C	Function codes	0x01 Read / 0x05 Write Single Coil
Configuration	Web interface	Alarm link	Local SIA / AJAX cloud

Local SIA event reporting is required. See the user manual for setup and zone reporting behaviour.